First and Final Bill

DOR ⇒ 15·06·2018

189824

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency..Sri Nagesh.S M/s Shruthi Samrupada Constructions.

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the work: Modified estimate for Improvement to Ashwathakatte near Govt School Mallasandra ward no: 13 Shettihalli Subdivision.						
	Estimate cost Rs: 15.00 Lakhs						
	JOB code NO:→ 013-18-000071						
	AS NO:→ EE/PD/DZ/AS/36/2017-18						
	TS NO:→ EE/PD/DZ/TS/02/2017-18						
	W.O.NO:→ EE/PD/DZ/W.O/0036/2017-18 dated 28-2-2018						

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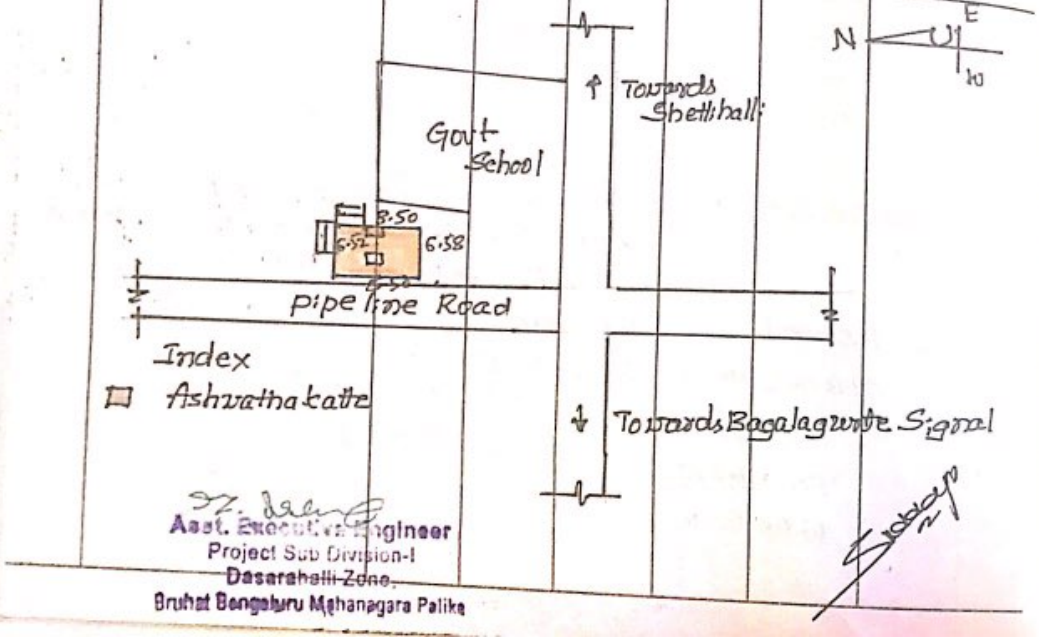
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike

M.A.R. 57 (Rule 116)

Measurement Book

189825

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in ordinary soil involving an horizontal throw up to 2m and an average lift up to 1.5m. excavated surface levelled and sides neatly dressed The deposited earth to be levelled neatly after breaking of clods etc complete as per specification.						
	BF Premeasurement Recorded in this MB vide page no: 189866						
	i.e 54.63 M^3 @ Rate 405.64/m^3					A1	22160-11

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @ 220kgs with 40 mm and d/s graded granite metal machine mixed concrete laid in layers not exceeding 15cms thick well compacted etc complete as per specification.						
	BF Premeasurement Recorded in this MB vide page No: 189867						
	ie 14.91 M^3 @ Rate Rs 5449.68/m^3 Rs						81254=73
	3) Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs with 20mm and d/s graded granite metal machine mixed concrete laid in layers not exceeding 15cms thick well compacted etc						

Asst. Executive Engineer
Project Sub Division-I

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 189826

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	complete as per specification.						
	BF Premeasurement Recorded in this MB vide page No: 189867						
	ie 25.22 M^3 @ Rate Rs 6718.68/m^3 Rs						1,69,445=11
	4) Filling available excavated earth (excluding rock) in sides of foundation up to plinth in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with lead up to 50m and						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Lift up to 1.5m including cost of all labour etc complete as per specification.						
	BF Premeasurement Recorded in this MB vide page No: 189868						
	ie 54.63 M^3 @ Rate Rs 137.16/-					Rs	7493=05
5)	Providing and constructing grosite/trap/ basalt size stone masonry in foundation with cement mortar 1:6 stones hammer dressed in courses not less than 20cms high and bond stone at 2m apart including cost of all labour materials etc complete as per specifica.						
	BF Premeasurement Recorded in this MB vide page No. 189868						
	ie 3.28 M^3 @ Rate Rs 4359.96/-					Rs	14,300=67

Asst. Executive Engineer
Project Sub Division-I

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 189827

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	Providing and Removing centering and shuttering strutting poopping etc and Removal of form work for foundations footings bases of columns for mass concrete including cost of all materials labour complete as per specifica						
	BF Premeasurement Recorded in this MB vide page No: 189869						
	ie 87.36 M^2 @ Rate Rs 249.42/-					Rs	21794.57

Asst. Executive Engineer
Project Sub Division-I

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MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) Providing TMT steel Reinforcement for RCC works including straightening, cutting, bending hooking placing in position lapping/or welding wherever required, tying with binding wire and anchoring to the adjoining member where ever necessary complete as per Specification.						
	BF Procurement rate Recorded in this MB vide page No: 189870						
	ie 2.56 Tonnes @ Rate Rs 65455.55/- Rs						1,67,566:21
	8) Construction of roadside road with approved material gravel/moorum with all lead and lifts Transporting to site Spreading grading to required Slope and Compacting to road regular road of table 300.2 Complete as per specification.						

Asst. Executive Engineer

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 189828

Serial No.....

Name of work..... From..... To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BF Procurement rate Recorded in this MB vide page No: 189870						
	ie 9.90 M^3 @ Rate Rs 326.16/- Rs						3228:98
	9) Providing and laying Flooring using pre polished water cut gang saw 18mm thick granite laid with a bed of 20mm thick 1:4 cm and jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying pcc on finished surface.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and cleaning the surface including cost of all materials and labour etc complete as per Specification.						
	For Floor - steps tread	1	5.80	0.45	–	2.61	
		1	2.40	0.45	–	1.08	
		1	0.46	0.40	–	0.18	
		1	2.48	0.40	–	0.99	
		1	2.90	0.40	–	1.16	
		1	2.45	0.40	–	0.98	
		1	2.67	0.40	–	1.07	
		1	3.07	0.40	–	1.23	
	For Risers	1	2.67	0.15	–	0.40	
		1	3.50	0.15	–	0.53	
		1	2.60	0.15	–	0.39	

Asst. Executive Engineer

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 189829

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	2.90	0.15	–	0.44	
		1	2.45	0.15	–	0.37	
		1	2.05	0.15	–	0.31	
	For Floor	1	5.80	4.10	–	23.78	
		1	6.90	4.18	–	28.84	
	For sides of wall						
	North side	1	3.62	0.50	–	1.81	
	West side	1	8.50	0.53	–	4.51	
		1	6.65	0.55	–	3.66	
	Back side	1	1.00	0.55	–	0.55	
		1	1.00	0.43	–	0.43	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	7.00	0.20	–	1.40	
	North side	1	6.83	1.00	–	6.83	
	East side	1	4.20	1.00	–	4.20	
		1	2.48	1.00	–	2.48	
	pit	2	1.10	0.75	–	1.65	
		1	2.10	0.60	–	1.26	
		1	2.10	0.70	–	1.47	
	Name board	1	0.60	1.20	–	0.72	
						95.31 m^2	
	Deduct Ashwatha Treepadion						
		1	2.30	2.35	–	5.41	
				Total Qtty		89.90 m^2	
		@Rate Rs					

Asst. Executive Engineer
Project Sub Division-I

M.A.R. 57 (Rule 116) 189836
Measurement Book No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	a) Qtty upto 125% –		29.11 m^2 @ Rate			Rs 2828.52/- R	82338.22
	b) Qtty Above 125% –		60.79 m^2 @ Rate			Rs 2828.52/- R	1,71,945.73
10)	Providing and fixing MS grill over existing compound wall as per use in 16mm x 16mm MS Square rod at 150mm c/c spacing and 16mm x 40mm MS flats at horizontal and 16mm x 12mm MS Flat for ornamental design and providing shop edge design at the vertex of every vertical rod including welding grinding wherever necessary All the steel surface should be thoroughly cleaned						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Free of rust and painted with anti corrosive paint etc complete as per specification.						
	South side	1	6.32	1.05	—	6.64	
	East side	1	6.32	1.05	—	6.64	
		1	1.12	1.05	—	1.18	
	Sliding gate North side	1	1.95	1.05	—	2.05	
		1	2.81	1.05	—	2.95	
	North side	1	3.10	1.05	—	3.26	
	West side	1	7.88	1.05	—	8.27	
						30.98 m^2	
	@ Rate Rs 5537.44/m^2					Rs 1,71,549-89	

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone.

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

189831

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	Providing full nosing for 20mm thick granite slab using required machinary including cost and conveyance of all materials Labour for all items of work tools of equipments etc complete						
		1	2.90	-	—	2.90	
		2	0.40	—	-	0.80	
		1	2.67	—	—	2.67	
		2	0.40	-	—	0.80	
		1	3.07	—	-	3.07	
	North Side wall	1	3.62	—	—	3.62	
	West side wall	1	8.50	-	—	8.50	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bottom	1	6.65	–	–	6.65	
		1	1.00	–	–	1.00	
		1	7.10	–	–	7.10	
	South side	1	6.83	–	–	6.83	
	East side	1	4.20	–	–	4.20	
		1	2.48	–	–	2.48	
		2	1.10	–	–	2.20	
						52.82	2
		@Rate Rs					
	a) Bitty up to 125.4	– 41.13 Mts @Rate Rs 257.04/Mt.				Rs	10,570.77
	b) Bitty Above 125.4	– 11.70 Mts @Rate Rs 257.04/Mt.				Rs	3006.08
12)	Supplying Erecting and fixing of stone Mantapa using Sadarahalli granite stones of Size 0.40×0.40×2.30 measurement for four numbers of pillars and four numbers of Beams of Size 0.20×0.30 ×2.75m and 25th granite slab roof of 1×3.00×3.00×0.15						

Asst. Executive Engineer
Project Sub Division-I

M.A.R. 57 (Rule 116)

Measurement Book

189832

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	thick including cost of all loading and unloading and the lead for bringing the stone Quarry to work shop and work shop to spot including cost of all carrying etc complete as per Specification.						
		1 No @ Rate Rs 4,60,207/-				Rs	4,60,207.00
						Total	Rs 13,86,890.04

Certificate

1. Certify that the Contractor Complete the work Satisfactorily
2. Certify that the Contractor cleared all debris at work spot.

15/06/2018

Asst. Executive Engineer
Project Sub Division-I

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8